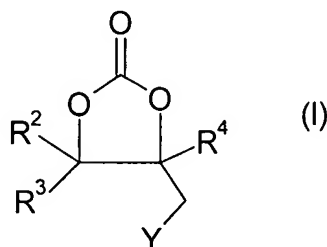


## AMENDMENTS TO THE CLAIMS

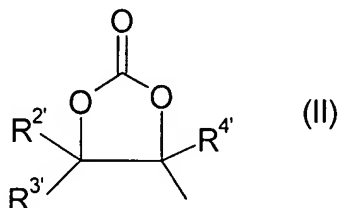
**Claim 1 (Original)** Process of forming an organic compound wherein

(a) a component (A) containing at least one cyclic carbonate group having the general formula (I):



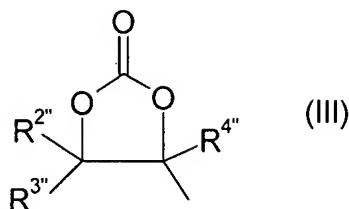
wherein:

$R^2$ ,  $R^3$  and  $R^4$  are, each independently, chosen from hydrogen, alkyl, alkenyl, wherein alkyl and alkenyl may contain from 0 to 8 ether bridges, and/or may be substituted by one or more aryl, hydroxyl group, and/or cyclic carbonate group of formula (II)



wherein  $R^{2'}$ ,  $R^{3'}$  and  $R^{4'}$  are, each independently, chosen from hydrogen, alkyl, alkenyl, wherein alkyl and alkenyl may contain from 0 to 8 ether bridges, and/or may be substituted by one or more aryl, hydroxyl group and/or Y group;

Y is an electrophilic group selected from ammonium  $-N^+(R^1)(R^{1'})(R^{1''})Z^-$  and phosphonium  $-P^+((O)_nR^1)((O)_nR^{1'})((O)_nR^{1''})Z^-$ , wherein each n, independently, is 0 or 1 and each  $R^1$ ,  $R^{1'}$  and  $R^{1''}$ , independently, represents an alkyl optionally substituted by one or more aryl, Y group and/or cyclic carbonate group of formula (III)



wherein R<sup>2''</sup>, R<sup>3''</sup> and R<sup>4''</sup> are, each independently, chosen from hydrogen, alkyl, alkenyl, wherein alkyl and alkenyl may contain from 0 to 8 ether bridges, and/or may be substituted by one or more aryl and/or hydroxyl group;

Z<sup>-</sup> represents an anion;

(b) is reacted with ammonia, hydrazine or an organic compound (B) containing at least one reactive nucleophilic function X wherein each X is, independently, chosen from a primary amino or hydrazo, secondary amino or hydrazo, thiol, hydroxy, and/or oxime;

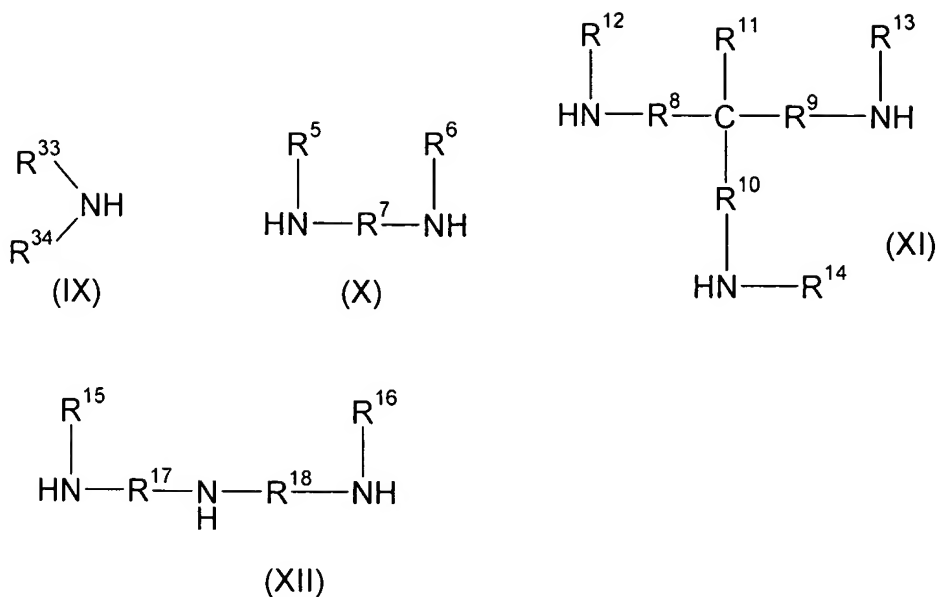
(c) such that the cyclic carbonate is opened and that an organic compound (C) containing at least one unit of the general formula -X-CO-O- is formed.

**Claim 2 (Original)** Process according to claim 1, wherein component (A) contains at least two carbonate cycles.

**Claim 3 (Currently Amended)** Process according to ~~any of claims 1 or 2~~ claim 1, wherein component (A) is chosen from 4- (trimethylammoniummethyl)-1,3-dioxolane-2-one, 4-(N-benzyl-N,N-dimethylammoniummethyl)-1,3-dioxolane-2-one and the tetracarbonate made starting from the tetraglycidylether of metaxylylenediamine.

**Claim 4 (Original)** Process according to claim 1, wherein an organic compound (B) which contains at least one nucleophilic function X which is an amino group is used.

**Claim 5 (Original)** Process according to claim 4, wherein component (B) is an amine of formula (IX), (X), (XI) or (XII)



wherein

R<sup>33</sup> is an alkyl, optionally substituted by hydroxy, tertiary amine and/or aryl, and optionally containing from 1 to 20 ether bridges and/or from 1 to 3 tertiary amine bridges,

R<sup>34</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>12</sup>, R<sup>13</sup>, R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> are, independently, chosen from the group of

- hydrogen, and
- alkyl, optionally substituted by hydroxy, tertiary amine and/or aryl, and optionally containing from 1 to 8 ether bridges and/or from 1 to 3 tertiary amine bridges,
  - with the proviso that, respectively, R<sup>33</sup> and R<sup>34</sup>, R<sup>5</sup> and R<sup>6</sup>, R<sup>12</sup> and/or R<sup>13</sup> and/or R<sup>14</sup>, R<sup>15</sup> and R<sup>16</sup> may be linked together in order to form a ring,

R<sup>7</sup>, R<sup>8</sup>, R<sup>9</sup>, R<sup>10</sup>, R<sup>17</sup> and R<sup>18</sup> are, independently, chosen from alkylene, alkenylene, arylene and aralkylene chains which may contain from 1 to 8 ether bridges and/or from 1 to 3 tertiary amine bridges,

R<sup>11</sup> is hydrogen or alkyl.

**Claim 6 (Original)** Process according to claim 4, wherein component (B) contains at least two primary or secondary amino groups.

**Claim 7 (Original)** Process according to claim 4, wherein compound (B) is an amine chosen amongst cyclohexylamine, N-methylbutylamine, N-methylbenzylamine, piperidine, piperazine, morpholine, benzylamine, diethylenetriamine, ethanolamine, diethanolamine and polyoxyalkylene amines and diamines.

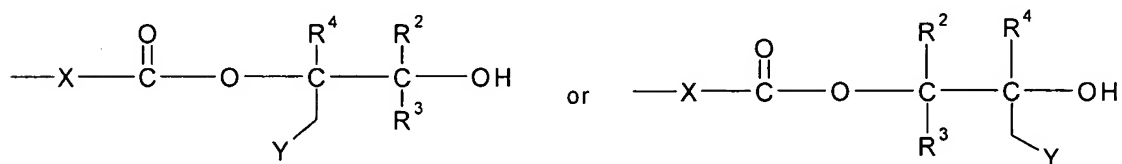
**Claim 8 (Original)** Process according to claim 1, wherein the reaction temperature is comprised between 0 and 120°C.

**Claim 9 (Original)** Process according to claim 1, wherein the amount of component (A) and compound (B) are such that the molar ratio of cyclic carbonate groups to nucleophilic groups X is from 0.5 to 2.

**Claim 10 (Original)** Process according to claim 1, wherein the reaction is made in a solvent chosen among: alcohol, ether, ester, dimethylformamide, dimethylsulfoxide, N-methylpyrrolidone and water.

**Claim 11 (Currently Amended)** Process according to claim 1, wherein component (A) is prepared by reacting compounds (A) where the electrophilic group Y is chloride or bromide or iodide with a nucleophilic compound ~~such as a tertiary (trialkyl)amine, or a trialkyl phosphine or phosphite.~~

**Claim 12 (Original)** Products obtainable by the process according to claim 1 comprising at least one  $-X-CO-O-$  group and a hydroxy group in  $\beta$ -position of said  $-X-CO-O-$  group and at least one Y-group according to at least one of the structures



wherein X,  $R^2$ ,  $R^3$ ,  $R^4$  and Y are such as defined in claim 1 or, in case  $R^2$ ,  $R^3$ ,  $R^4$  and Y contain a cyclic carbonate group themselves, the structures resulting from the ring-opening of said cyclic carbonate group.

**Claim 13 (Original)** Products according to claim 12 wherein X is N.

**Claim 14 (Currently Amended)** Products according to claim 13 ~~responding~~  
corresponding to one of the following formula or their mixtures.

**Claim 15 (New)** Process according to claim 11, wherein the nucleophilic compound is a tertiary (trialkyl)amine, trialkylphosphine or phosphite.